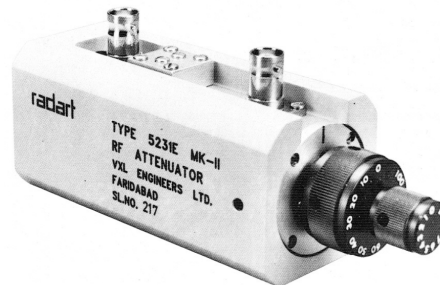


## RF Attenuator 5231E - MKII



5231E - MK II general purpose RF Attenuator can satisfy any requirement involving reduction in power and is indispensable in measurement and system application.

This instrument is widely used in-field for control or measurement of RF power. It is used as a means of extending the dynamic range of measuring equipment such as power meters, field intensity meters, spectrum analysers and amplifiers or to prevent over loading of receivers and amplifiers. It can also be used for masking the effects of variable or mismatched impedances on such circuit elements as Oscillators, Mixers etc.

### SPECIFICATIONS

- Frequency Range : DC to 1 GHz
- Attenuation Range : 0 to 110 dB
- Step Size : 10 dB, -1 dB
- Accuracy :  $\pm 0.5$  dB at 1kHz  
 $\pm 1.85$  dB (typical)  
 $\pm 2.5$  dB (max.)
- Characteristic Impedance : 50 Ohms
- VSWR : 1.5 : 1 at 1 GHz (typical)
- Input Power (max.) : 0.5 W (continuous) (5V across 50 Ohms)
- Connectors : Type BNC female connectors for input and output.
- Temperature range : 0 to 55°C
- Dimensions (Approx.) : 48 x 48 x 146mm<sup>3</sup> (H x W x L) (excluding connector height)
- Weight : 0.7 Kg.
- Accessories (Optional) : 2 meter long cable 50 ohms BNC to BNC (2 Nos.)  
 1W available on request

Specifications are at 25.0 °C & 50% RH

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